

APPROVED MATERIALS LIST DATABASE DEVELOPMENTS

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Many materials used on commercial transport aircraft get flammability certification tested by each organization that uses the material in their aircraft components. A single material could conceivably be certification tested dozens of times over with each company bearing the cost of the effort. Such test programs can be burdensome- especially for smaller companies. The International Coordinating Council of Aerospace Industries Associations in response to recent ARAC recommendations requested the FAA to form an "Approved Materials List" task group to help reduce the cost of compliance and aid in eliminating duplicate certification test programs.

This paper/presentation will discuss a proposed process, status, difficulties and progress of the task group's efforts. Major topics include how to test, continued compliance, QA requirements and mitigation for subsequent failures. Phase I is concentrating on materials that can be evaluated for use that don't require post processing such as paint or application of decorative laminates.

Examples include curtain fabrics, floor carpet, upholstery, thermoplastic parts, Insulation systems, cargo liners, etc.